



Apr 16th, 9:00 AM - 10:00 AM

Synthesis of 4-Substituted Oxazolidinones Using Primary, Secondary, and Tertiary Alcohols

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Poster Presentation P13

**SYNTHESIS OF 4-SUBSTITUTED OXAZOLIDINONES USING PRIMARY,
SECONDARY, AND TERTIARY ALCOHOLS**

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Oxazolidinones are an interesting and relatively new class of antibiotics that have recently gained much attention for their effectiveness against certain drug resistant bacteria. The focus of this project has been to synthesize 4-substituted oxazolidinones from a bicyclic aziridine. This has been accomplished by utilizing a Lewis acid catalyzed ring opening reaction with various alcohols. The results from this study with primary, secondary, and tertiary alcohols will be presented.